



# **Draft Staff Transmission White Paper**

Prepared in Support of the 2004 Integrated  
Energy Policy Report Update Proceeding  
(03-IEP-01)

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# Topics Covered

- Report Overview
- Summary of Recommendations
- Workshop Questions
- Next Steps



# Report Overview

- General Approach
- Sources of Input
  - Background reports
  - Workshops
  - Written comments



## **Chapter 2 “Strategic Benefits and Long-term Transmission Planning”**

### **Summary of Staff Recommendations**

- Conduct biennial examination of long-term needs
- Conduct annual examination of short-term projects
- Explore use of social discount rate
- Explore quantification of insurance value
- Continue development of transmission vision



# **Chapter 3 “Transmission Corridor Planning and Development”**

## **Summary of Staff Recommendations**

- Conduct corridor studies on high-priority corridors (Tehachapi)
- Investigate corridor and right-of-way banking within state and federal lands
- Investigate IOU’s ability to hold property in rate base
- Investigate “land-banking” concept for transmission corridors
- Coordinate state-led corridor planning efforts with CA ISO planning process



# **Chapter 4 “Alternatives to Transmission”**

## **Summary of Staff Recommendations**

- Establish mechanism for ensuring early and effective stakeholder involvement in planning process for specific projects
- Provide for early recognition of system problems in order to facilitate effective identification of alternatives



## Chapter 5 “Physical System Needs” Summary of Staff Recommendations

- Continue updating *Transmission Project Watch List*
- Provide independent review of work in CPUC proceeding I.00-11-001 on Tehachapi
- Investigate formation of a Salton Sea Study Group
- Investigate operational issues associated with renewables integration



# General Workshop Questions

- Did staff accurately capture parties' input?
- Are there other relevant points?
- Did staff draw appropriate conclusions?
- Did staff identify appropriate next steps?
- How should the state implement its recommended next steps?



## Specific Workshop Questions for Chapter 2

- What steps are necessary to engage in long-term planning in the 2005 IEPR process?
- Is it appropriate to use a social discount rate for transmission additions?
  - If so, under what conditions?
  - If so, what is the appropriate percentage rate?



# Specific Workshop Questions for Chapter 3

- Should the Energy Commission conduct corridor studies on selected projects?
- How should the Energy Commission work with appropriate agencies?
- Should the Energy Commission investigate the consequences of CPUC D.87-12-066 regarding only holding property in rate base for five years?



## **Specific Workshop Questions for Chapter 3 - continued**

- How should the Energy Commission investigate right-of-way banking, state adoption of corridors, and program EIRs?
- How should corridor planning be integrated into the CA ISO grid planning process?
- Should the Energy Commission address multi-use corridor planning?



# Specific Workshop Questions for Chapter 4

- What specific mechanisms should the Energy Commission use to ensure early and well-publicized stakeholder meetings in project areas?



## Specific Workshop Questions for Chapter 5

- Should a study group be formed to address a build-out plan for the Salton Sea Geothermal Resource Area?
- What lessons can be learned regarding the operational issues associated with integrating a large number of renewables into California's system?



# Specific Workshop Questions on Tehachapi

- Does SCE see any barriers to submitting its CPCN filing by December 2004?
- What is the status of adding a fourth circuit to Path 26 in order to provide an outlet for wind sales to PG&E?
- How is meeting LADWP's RPS goals being incorporated into transmission planning for the Tehachapi area?



# Next Steps

- Invited speakers
- Other members of public
- Draft summary document release: Sept. 15
- Hearings around the state
  - September 29: San Francisco
  - September 30: Sacramento
  - October 1: San Diego
  - October 5: Los Angeles
  - October 8: Fresno



## Next Steps

- Release of Final Committee document – October 20
- Consideration for adoption by full Commission – November 3
- Transmit final document to Governor - November